



## RC2-790BF Screw Compressor

### Specifications

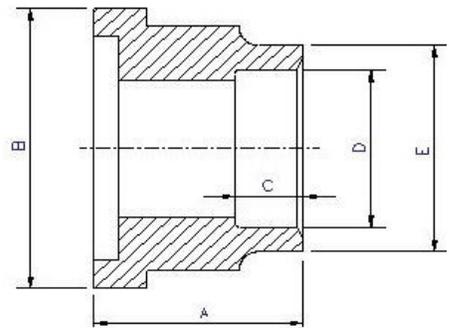
Compressor	Displacement	CFM	60 Hz	560	
	Rated Speed	Rpm	60 Hz	3550	
	Volume Ratio	Vi		2.6 (standard other Vi available)	
	Nominal Hp	276 Hp at 60 Hz			
	Capacity Control	%			25%,50%,75% & 100% Step Capacity Control, 50%~100% Continuous Stepless Capacity Controls
	Lubrication	Differential Pressure Feed Lubricant			
Motor	Type	3 Phase, 2 Pole, Squirrel Cage, Induction Motor			
	Insulation	Class F			
	Protection	3 PTC Protection 1 per winding			
Lubricant Charge	No internal oil separator or sump				
Hydrostatic Pressure test	lb/in <sup>2</sup> G	597			
Weight	Pounds	2601			

### Standard Compressors Accessories

- Modulating Slide Capacity
- Weather Proof Terminal Box for outdoor applications
- 115/1/60 Control Voltage
- Horizontal Discharge Check Valve
- Discharge Service Valve (Discharge Stop Valve) with standard connection sizes and supplied with flanges and bushings
- Suction Service Valve (Suction Stop Valves) with standard connection sizes and supplied with flanges and bushings
- Suction Filter
- PSI Relief Valve
- Oil Sight Glass
- PT1000 for Reading Motor Temp
- INT69HBY supporting motor and discharge (PTC) temperature sensor protection as well as Phase Loss and Phase Reversal at Start Up Only

### Ports

- External Oil Cooler
- Liquid Injection (into screw chamber)
- Economizer



### Connections

Discharge Stop Valve	4"					
Horizontal Discharge Check Valve	4"					
Suction Stop Valve	5"					
Economizer	1 1/8" solder					
Liquid Injection (chamber)	5/8" flare	A	B	C	D	
Discharge Side	Copper Pipe Sizing 4 1/8"	2.99"	5.71"	1.97"	4.14"	4.56"
Suction Side	Copper Pipe Sizing 5 1/8"	2.95"	6.85"	1.38"	5.14"	5.77"

### MCC & LRA

R22, R407C, R404A, R507A, R134a

Hertz	Volts	Maximum Continuous Current	Y-Δ	
			Locked Rotor Amps (Y)	Locked Rotor Amps (D)
60	460	494	777	2330